BRUHATH BANGALORE MAHANAGARA PALIKE

YALAHANKA ELECTRICAL DIVISION

E- MEASUREMENT BOOK

Name of work:- Operation and maintenance of Street Lighting system in Ward No 06 Package Y-06 of Yelahanka Zone"

BRUHATH BANGALORE MAHANAGARA PALIKE

Yalahanka ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work: :-Operation and maintenance of Street Lighting system in Ward No 06 Package Y-06 of Yelahanka Zone

Name of Contractror of nature of Agency:-Sri Pradeepkumar S.N. Pro of M/s Ganga Enterprises

Job Code No:- 006-20-000160

Ref no and Date of commencement of work:-:EE/Ele/YLk/TEND/WO/000044/2020-21 Date:20/01/2021

Measurement Book No: **Page No:**

Bill NO :- 3Nd RA Bill

Sl. No.		Description	Unit	Period	Present Measurements		
					Qty	Tender Full Rate	Cost
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and switching ON/OFF of street lights at specified timing and Pole numbering,Preparing ward wise , street wise data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below						
	i) Poles with 36/40 W fluorescent tube light street lighting		Nos	3	650	18.75	36562.50
2	iii) 125 W HPMV Light Park Lighting System		Nos	3	45	42.00	5670.00
3	v) Poles with 250W HPSV light street lighting system		Nos	3	5244	50.66	796983.12
4	vii) Poles with 400 watts HPSV light street lighting system		Nos	3	114	62.00	21204.00
5	Viii) Poles with 24 Watts LED Light street lighting system		Nos	3	1	73.33	219.99
6	viii) Poles with 65 Watts LED Light street lighting system		Nos	3	453	72.08	97956.72
7	viii) Poles with 90 Watts LED Light street lighting system		Nos	3	19	108.33	6174.81
8	Operation and maintenance of Manual and Automatic Timer Switching circuits including replacement of electrical gadgets, such as MCB's Contactors, Timer, Cut-outs, wiring connector and M.S. Box with proper insulation etc., complete.			3	35	100.00	10500.00
9	B Work to be carried ut as per requirment & actuals and as per the directions of the in charge engineer Painting of existing Street lighting pole after scraping the oid paint and painted with suitable colour enamel/silver paint including copingflooting of the pole a) Upto 5 Mtrs light pole		Nos	-	0	265.00	0.00
10	c) 8 Mtr and above Street light pole		Nos	-	0	355.00	0.00
11	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A 2 X 25 + 1 X 25 SQ.MM		Mtrs	-	1495	95.00	142025.00
	Near Esteem Mall TO Chiranjeevi Layout Kempapura main road						
1	GE/07/TC/KMR/01/SV GE/07/TC/KMR/02/SV	30 Mtrs					

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CE/JE 6/11/24

2	GE/07/TC/KMR/02/SV GE/07/TC/KMR/03/SV	30 Mtrs					
3	GE/07/TC/KMR/03/SV GE/07/TC/KMR/04/SV	30 Mtrs					
4	GE/07/TC/KMR/04/SV GE/07/TC/KMR/05/SV	30 Mtrs					
5	GE/07/TC/KMR/05/SV GE/07/TC/KMR/06/SV	30 Mtrs					
6	GE/07/TC/KMR/06/SV GE/07/TC/KMR/07/SV	30 Mtrs					
7	GE/07/TC/KMR/07/SV GE/07/TC/KMR/08/SV	30 Mtrs					
8	GE/07/TC/KMR/08/SV GE/07/TC/KMR/09/SV	30 Mtrs					
9	GE/07/TC/KMR/09/SV GE/07/TC/KMR/10/SV	30 Mtrs					
10	GE/07/TC/KMR/08/SV 11 KV RCC Pole	30 Mtrs					
11	11 KV RCC Pole Spun Pole	45 Mtrs					
12	Spun Pole GE/07/TC/CL/00/01/01/SV Chiranjeevi Layout, 1st Cross	40 Mtrs					
	Opp no 33 Sri Bhasaveshwara Complex Maruthi Nagar Main Road To Kogilu Main Road Tublar Poles						
13	New Pole No 1New Pole No 2	35 Mtrs					
14	New Pole No 2New Pole No 3	35 Mtrs					
15	New Pole No 3New Pole No 4	35 Mtrs					
16	New Pole No 4New Pole No 5	35 Mtrs					
17	New Pole No 5New Pole No 6	35 Mtrs					
18	New Pole No 6New Pole No 7	35 Mtrs					
19	New Pole No 7New Pole No 8	35 Mtrs					
20	New Pole No 8New Pole No 9	35 Mtrs					
21	New Pole No 9New Pole No 10	35 Mtrs					
22	New Pole No 10New Pole No 11	35 Mtrs					
23	New Pole No 11New Pole No 12	35 Mtrs					
24	New Pole No 12New Pole No 13	35 Mtrs					
25	New Pole No 13New Pole No 14	35 Mtrs					
26	New Pole No 14New Pole No 15	35 Mtrs					
27	New Pole No 15New Pole No 16	35 Mtrs					
28	New Pole No 16New Pole No 17	35 Mtrs					
29	New Pole No 17New Pole No 18	35 Mtrs					
30	New Pole No 18New Pole No 19	35 Mtrs					
31	New Pole No 19New Pole No 20	35 Mtrs					
32	New Pole No 20New Pole No 21	35 Mtrs					
33	New Pole No 21 New Pole No 22 Dead end Pole	35 Mtrs					
	Harohalli To Kenchenahalli Railway Parallel Road in 11KV RCC Poles						
34	KE/02/TC74/HMR/00/61/LED KE/02/TC74/HMR/00/62/LED	30 Mtrs					
35	KE/02/TC74/HMR/00/62/LED KE/02/TC74/HMR/00/63/LED	30 Mtrs					
36	KE/02/TC74/HMR/00/63/LED KE/02/TC74/HMR/00/64/LED	30 Mtrs					
37	KE/02/TC74/HMR/00/64/LED KE/02/TC74/HMR/00/65/LED	30 Mtrs					
38	KE/02/TC74/HMR/00/65/LED KE/02/TC74/HMR/00/66/LED	30 Mtrs					

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39	KE/02/TC74/HMR/00/66/LED KE/02/TC74/HMR/00/67/LED	30 Mtrs					
40	KE/02/TC74/HMR/00/67/LED KE/02/TC74/HMR/00/68/LED	30 Mtrs					
	IAS Layout						
36	VE/05/ML/02/00/06/LED VE/05/ML/02/00/05/LED	30 Mtrs					
37	VE/05/ML/02/00/05/LED VE/05/ML/02/00/04/LED	30 Mtrs					
38	VE/05/ML/02/00/04/LED VE/05/ML/02/00/03/LED	30 Mtrs					
39	VE/05/ML/02/00/03/LED VE/05/ML/02/00/02/LED	30 Mtrs					
40	VE/05/ML/02/00/02/LED VE/05/ML/02/00/01/LED	30 Mtrs					
41	VE/05/ML/02/00/01/LED VE/05/ML/02/01/01/LED	30 Mtrs					
42	VE/05/ML/02/00/01/LED VE/05/ML/02/01/02/LED	30 Mtrs					
	Total 1540 Mtrs						
12	Moulded Case Circuit Breaker (MCCB) three pole 100Amps 25kA.		Nos	-	30	1450.00	43500.00
13	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm		Nos	-	30	1450.00	43500.00
1	GE/06/TC/BN/00/01/07/SV	Buvaneshwari Nagar,Sonnappa Layout, 1st Cross,					
2	GE/06/TC/VL/01/00/17/SV	Varma Layout,1st Main, Near Tammesh Gowda House, Buvaneshwari Nagar					
3	GE/06/TC/BN/00/06/03/SV	Buvaneshwari Nagar, 6th Cross					
4	GE/06/TC/BN/00/04/05/LED	Buvaneshwari Nagar, 4th Cross					
5	GE/06/TC/ML/00/12/07/SV	Maruthi Layout, 12th Cross, Near Welding Shop					
6	GE/06/TC/ML/00/12/18/SV	Maruthi Layout, 12th Cross, Near Apartment					
7	GE/06/TC/AE/10/00/11/SV	Anam Enclave Layout, 10 th Main					
8	GE/06/TC/TS/00/00/06/SV	Thanisandra BBMP Office Opp, Thanisandra Vilage					
9	GE/06/TC/AL/01/00/01/SV	Amarjyothi Layout, Arla Medical					

10	GE/06/TC/BN/00/05/07/SV	Bhuvaneshwari Nagar, HT Bilow, 5 th Cross, Subramanya Temple Opp					
11	GE/06/TC/MN/03/00/04/SV	MCECHS Layout, 3rd Main, MRP Road, Dr Shivaram Karant Nagar					
12	GE/06/TC/SN/03/00/12/SV	Shabari Nagar, 3rd Main ,Hegde Nagar					
13	GE/06/TC/SN/00/02/08/SV	Shirdi Sai Nagar, 2 nd Cross, Hegde Nagar					
14	GE/06/TC/MRC/09/00/02/SV	MS Ramaiah North City, 9th Cross, Nagavara					
15	GE/06/TC/DH/00/02/01/SV	Near Harsha Bar, 2nd Cross, Dasarahalli					
16	GE/06/TC/ML/01/13/05/SV	Maruthi Layout Main Road, 13 th Cross, Dasarahalli					
17	GE/06/TC/SN/03/01/02/SV	Shabari Nagar, 3rd Main , 1st Cross, Hegde Nagar					
18	GE/06/TC/ANMR/MH/20/SV	Opp Shell Petrole Bunk, Ashvath Nagar Main Road Thanisandra					
19	GE/06/TC/RE/00/11C/06/SV	Royal Enclave, 11 th Cross, Mestri Palya					
20	GE/06/TC/RE/00/12C/11/SV	Royal Enclave, 12 th Cross, Mestri Palya					
21	GE/06/TC/TL/YMR/01/SV	Thuba Layout, 1st main, 2 nd Cross, Sarai Palya					
22	GE/06/TC/TL/00/01/05/SV	Thuba Layout, 1 st Cross, Sarai Palya					
23	GE/06/TC/ML/01/00/03/SV	MCECHS Layout, 1 st Main,Dr Shivaram Karant Nagar					
24	GE/06/TC/MPM/00/08/SV	Mariyana Palya Church Opp					
25	GE/06/TC/HN/01/09/01/SV	RK Hegde Nagar, 9 th Cross, Shabari Nagar Arch					
26	GE/06/TC/ML/00/05/03/SV	Muniyappa Layout, Ganapathi Temple					
27	Sonnappa Layout, Maruthi Nagar 9 th Cross, New Pole						
28	Ramaiah North City, 10 th Cross, Sarai Palya, New Pole						
29	Near 27 th Cross, MCECHS Layout, 2nd Phase New Pole						
30	Near Baba Nagar, 1st Main, 1st Cross, Baglur Main Road, New Pole						
	TOTAL						**1204296.14**
	Add GST 12 % on item no 9 to 13			229025			27483.00
	TOTAL Rs						**1231779.14**
	Fine imposed for non burning of street lights For the period of 01/7/2021 to 30/9/2021						12000.00

	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the released scrap material					24085.92
	GRAND TOTAL					**1195693.22**

CERTIFICATE

1. This is to certify that the work done is saticefactorily.
2. This is to certify that the bill amount calimed in this bill does not claimed in any of the previous bill.

Junior Engineer(Elec)
Yalahanka Division

Asst.Exe.Engineer(Elec)
Yalahanka Division

Executive Engineer
Electrical Division
Yelahanka Zone BBMP
Byatarayanapura, Bangalore-92